

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) Apparatus for treating age-related macular degeneration, the apparatus consisting essentially of a therapeutic laser light source which, in operation, enables a non-thermal therapeutic light beam to be emitted in a manner similar to light sources used in the context of dynamic phototherapy, wherein said laser light source is designed to emit a therapeutic laser light beam presenting an emission wavelength lying in the range 1.26 μm , to 1.27 μm and having a power in the range of 10mW to 1W, thereby generating intracellular singlet oxygen directly and in sufficient quantity to occlude abnormal retinal vessels.

Claim 2 (Original) Apparatus according to claim 1, wherein the power of the therapeutic light beam ~~lies in the range 1mW to 1 W, and preferably is~~ in the range 10 mW to 1 W.

Claim 3 (Cancelled)

Claim 4 (Original) Apparatus according to claim 3, wherein the laser source comprises an optical fiber Raman laser.

Claim 5 (Original) Apparatus according to claim 4, wherein the optical fiber Raman laser comprises a pump laser diode, an ytterbium-doped optical fiber laser, and a Raman converter serving to transpose the wavelength of the beam coming from the ytterbium-doped optical fiber laser.

Claim 6 (Currently Amended) A method of treating age-related macular degeneration, the method consisting essentially of ~~using~~ applying to the retina in the eye of a patient a therapeutic laser

light source that enables a non-thermal therapeutic laser light beam to be emitted in a manner similar to laser light sources used in the context of dynamic phototherapy, wherein said light source is designed to emit a therapeutic laser light beam, which passes through the cornea and the crystalline lens of the eye presenting an emission wavelength lying in the range 1.26 μm to 1.27 μm at a power in the range of 1mW to 1W so as to generate in the retina intracellular singlet oxygen directly and in sufficient quantity to occlude abnormal retinal vessels with minimal thermal effect on the cornea and crystalline lens of the eye.

Claim 7 (Currently Amended) A The method according to claim 6, wherein the power of the therapeutic light beam ~~lies~~ is in the range of 1 mW to 1 W, and ~~preferably in the range~~ 10mW to 1 W.

Claim 8 (Cancelled)

Claim 9 (Original) A method according to claim 8, wherein the laser source comprises an optical fiber Raman laser.

Claim 10 (Original) A method according to claim 9, wherein the optical fiber Raman laser comprises a pump laser diode, an ytterbium-doped optical fiber laser, and a Raman converter serving to transpose the wavelength of the beam coming from the ytterbium-doped optical fiber laser.